PMSTPCOL NPEmails

From: Tai, Tom
Sent: Wednesday, June 16, 2010 10:12 AM
To: Price, John E
Cc: Tomkins, James; Joseph, Stacy; STPCOL; Chappell, Coley
Subject: STP - Draft RAI 4793 and 4794 for Ch 3.9.3
Attachments: RAI 4794 03.09.03-xx.doc; RAI 4793 03.09.03-xx.doc

John, Jim,

Attached for your information are draft RAI 4793 and 4794.

RAI 4793 is a supplement to RAI 03.09.03-3 on design spec.

RAI 4794 is a supplement to RAI 03.09.03-5 for suction strainer.

Please let me know by Friday (6/18) if you need a telecom for clarification. I plan to issue these this week if I do not receive any request from you.

Regards

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Hearing Identifier: SouthTexas34NonPublic_EX
Email Number: 3021

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Subject: STP - Draft RAI 4793 and 4794 for Ch 3.9.3
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From: Tai, Tom

Created By: Tom.Tai@nrc.gov

Recipients:
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Tracking Status: None
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MESSAGE	465	6/16/2010 10:12:01 AM
RAI 4794 03.09.03-xx.doc	31738	
RAI 4793 03.09.03-xx.doc	30714	

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Request for Additional Information No. 4794 Revision 3

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 03.09.03 - ASME Code Class 1, 2, and 3 Components
Application Section: Section 3.9.3

QUESTIONS for Engineering Mechanics Branch 2 (ESBWR/ABWR Projects) (EMB2)

03.09.03-***

This RAI 4794 supplements RAI 4555.

In RAI 4555 response, the applicant stated:

1. The load combinations evaluated for the RJ-ABWR of ECCS strainer do not match the load combinations required to be evaluated in Table 3.9-2 of the DCD.

2. The RJ-ABWR of ECCS strainers was designed and evaluated in accordance with JSME code, but not ASME Section IIII code requirements.

3. The pressure load on the strainer as a result of safety relief valve (SRV) discharge for RJ-ABWR of ECCS strainers was based on the jointly developed ABWR test program. The STP 3 & 4 SRV loadings will be calculated in accordance with the same methodology. These loads will be finalized in 2010.

The staff requests the applicant to provide or to confirm the following:

- The load combinations of the ECCS strainer will be evaluated as shown in Table 3.9-2 of the DCD.

- The ECCS strainer design, stress analysis is performed in accordance with ASME Section III code requirements.

- Provide ASME design specification and design report of the ECCS strainer for staff review. The strainer design specification and design report are prepared in accordance with the ASME Code, Section III, NCA-3250.

Request for Additional Information No. 4793 Revision 3

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 03.09.03 - ASME Code Class 1, 2, and 3 Components
Application Section: Section 3.9.3

QUESTIONS for Engineering Mechanics Branch 2 (ESBWR/ABWR Projects) (EMB2)

03.09.03-***

This RAI 4793 supplements RAI 3093.

In RAI 3093 response, the applicant provided the schedule for the completion for design specifications for risk significant ASME Class 1, 2 and 3 components. As shown in the RAI 3093 response, all design specifications for the risk significant components are to be completed on or before the second quarter of 2010 (Q2-10). To support performance of this staff regulatory audit of the design specifications of the risk significant ASME Class 1, 2 and 3 components, the staff requests the applicant to provide the following:

1. The dates during which the applicant could support an audit of the design specifications.

2. A list of available design specifications for staff review.